

1/22

1 agactataca ggaattggga ctttctggga gcatctctct cagcgctggg aggggtaccct
61 aaggatgagg agagactaaa tgggggtttt cctgctgagc caggccatgc tgactgcaat
121 gttgctgagt tgtgttctgc tgttggcact gcctcccaca ctgggggtcc agatgggcgt
181 ggctccactg aagggcata gaaggcctga ccaggctctg ttcccagagt tcccaggatga
241 gtatggtcag gttggggata tgtggggcaa cgaccattgc tggccacaga cctgcccgcc
301 caggcttaga cctccttccc caatcccaat cccaacctag ggagggtgggt acttggtgca
361 tgggtgggtgt ggccctcaca tcttcttgcc ccagggtctaa gtctgaatgg cctcaagaag
421 acaactgcag accgagcaga agaagttctg ctgcagaagg cagaagcttt ggcggaggta
481 actcattagg gaaagggata aagtagaagg tagggcgcat cagataccat catctctccc
541 cacttccgga ttaccaacc tgggcagAAC tgcagccctt ccctgacctc agtccactgc
601 caccctactg gggtcggggg ttgagagttt cctgaacctt attcccctac gaatgcaggt
661 gctagatcca cagaaccgag agtctcgttc tccgcgtcgc tgtgtaaggc tgcacgagtc
721 ctgcttggga cagcaggtag cttgctgcga ccctgctgct acgtgctact gccgcttctt
781 caatgccttt tgctactgcc gcaagctggg taccgccacg aacctctgta gtcgcaccta
841 gccaatggat gttgtttggg aaaggcaggg gatgagaata aaggatcggg acggtttaac
901 cttaaagctg tggttatttc ttt

10/518955

WO 2004/004447

PCT/US2003/020245

2/22

MLTAMLLSCVLLLALPPTLGVQMGVAPLKGIRRPDQALFPEFPGLSLNGLKKTADRAEEVLLQK
AEALAEVLDPQNRESRSPRRCVRLHESCLGQVPCCDPCATCYCRFFNAFCYCRKLGTATNLCSR
T

FIG. 2

3/22

1 gccatgctga ccgcagcggg gctgagctgt gccctgctgc tggcactgcc tgccacgcga
61 ggagcccaga tgggcttggc ccccatggag ggcacagaa ggcctgacca ggcctgctc
121 ccagagctcc caggcctggg cctgcggggc cactgaaga agacaactgc agaacaggca
181 gaagaggatc tggtgcagga ggctcaggcc ttggcagagg tactagacct gcaggaccgc
241 gagccccgct cctcacgtcg ctgcgtaagg ctgcatgagt cctgcctggg acagcaggtg
301 ccttgctgtg acccatgtgc cacgtgctac tgccgcttct tcaatgcctt ctgctactgc
361 cgcaagctgg gtactgcat gaatccctgc agccgcacct agctggccaa cgtcagggtc

FIG. 3

10/518955

WO 2004/004447

PCT/US2003/020245

4/22

MLTAAVLSCALLLALPATRGAQMGLAPMEGIRRPDQALLPELPGLGLRAPLKTTAEQAEEDLLQ
EAQALAEVLDLQDREPRSSRRCVRLHESCLGQQVPCCDFCATCYCRFFNAFCYCRKLGTAMNPCS
RT

FIG. 4

10/518955

5/22

1 atgctaggta acaagcgaat ggggctgtgt ggactgaccc tcgctctatc tctgctcgtg
61 tgtttgggca ttctggctga ggggtacccc tccaagccgg acaatccggg cgaggacgcg
121 ccagcagagg acatggccag atactactcc gctctgcgac actacatcaa tctcatcacc
181 agacagagat atggcaagag atccagccct gagacactga tttcagacct cttaatgaag
241 gaaagcacag aaaacgcccc cagaacaagg cttgaagacc cttccatgtg gtgatgggaa
301 atgaaacttg ttctcccgac ttttccaagt ttccaccctc atctcatctc atccatcccc
361 tgaaaccagt ctgcctgtcc caccaatgca tgccaccact aggctggact cgcgccatt
421 tcccttggtg ttgttgata tatgtgtgtt taaataaagt accatgcatt caaaaaaaaa
481 aaa

FIG. 5

6/22

MLGNKRMGLCGLTLALSLLVCLGILAEGYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG
KRSSPETLISDLLMKESTENAPRTRLEDPSMW

FIG. 6

7/22

1 atgctaggta acaagcgact ggggctgtcc ggactgaccc tcgccctgtc cctgctcgtg
61 tgcctgggtg cgctggccga ggcgtacccc tccaagccgg acaacccggg cgaggacgca
121 ccagcggagg acatggccag atactactcg gcgctgacgac actacatcaa cctcatcacc
181 aggcagagat atggaaaacg atccagccca gagacactga tttcagacct cttgatgaga
241 gaaagcacag aaaatgttcc cagaactcgg cttgaagacc ctgcaatgtg gtgatgggaa
301 atgagacttg ctctctggcc ttttcctatt ttcagcccat atttcatcgt gtaaaacgag
361 aatccaccca tcctaccaat gcatgcagcc actgtgctga attc

8/22

MLGNKRLGLSGLTLALSLLVCLGALAEAYPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRYG
KRSSPETLISDLLMRESTENVPRTTRLEDPAW

9/22

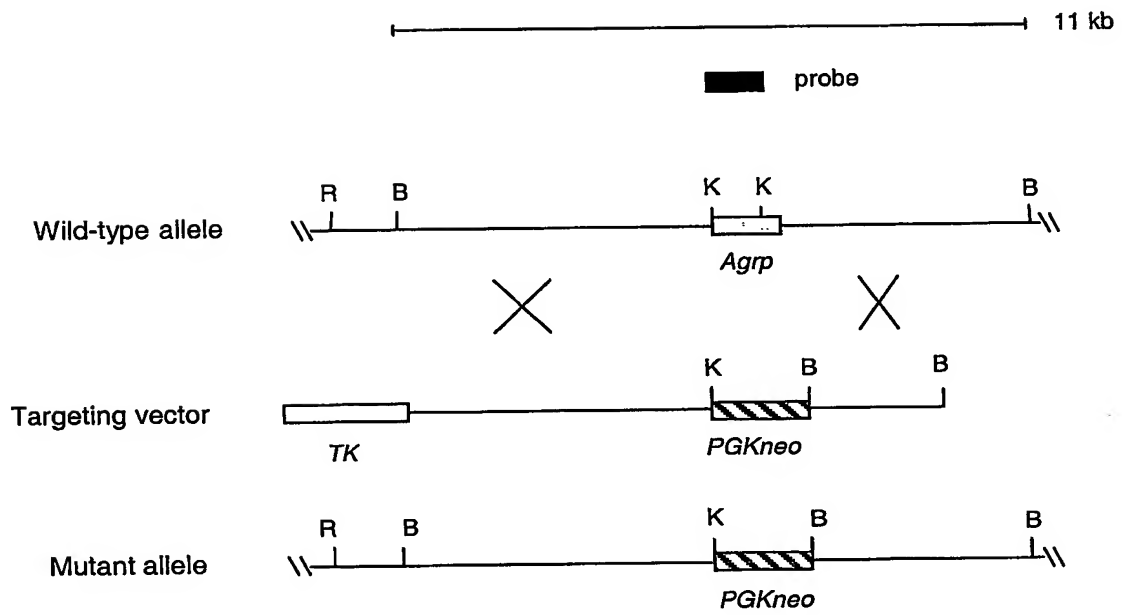


FIG. 9

10/518 955

10/22

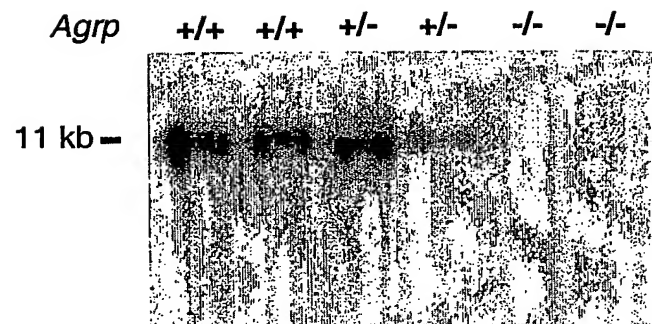


FIG. 10

11/22

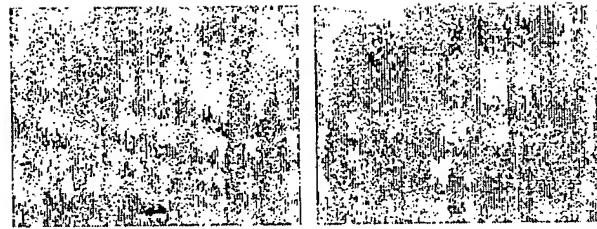
 $+/+$
A $-/-$
B

FIG. 11

12/22

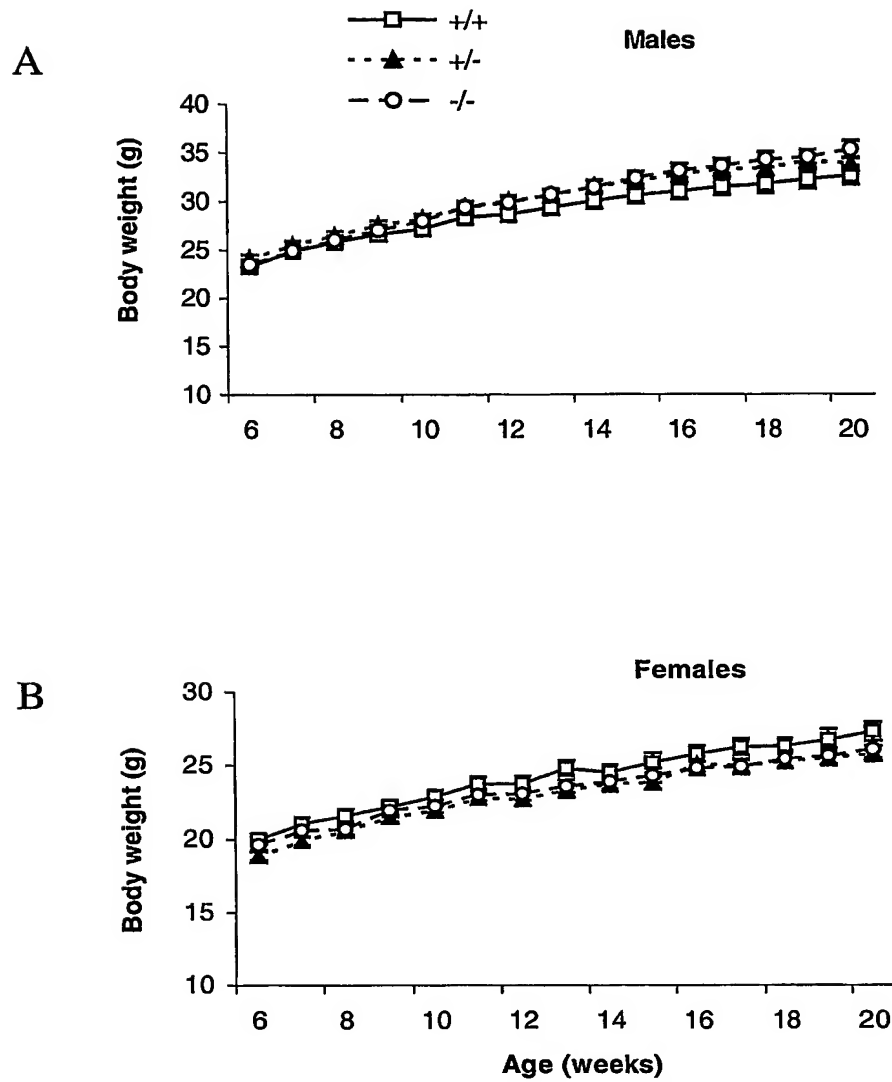


FIG. 12

10/518955

13/22

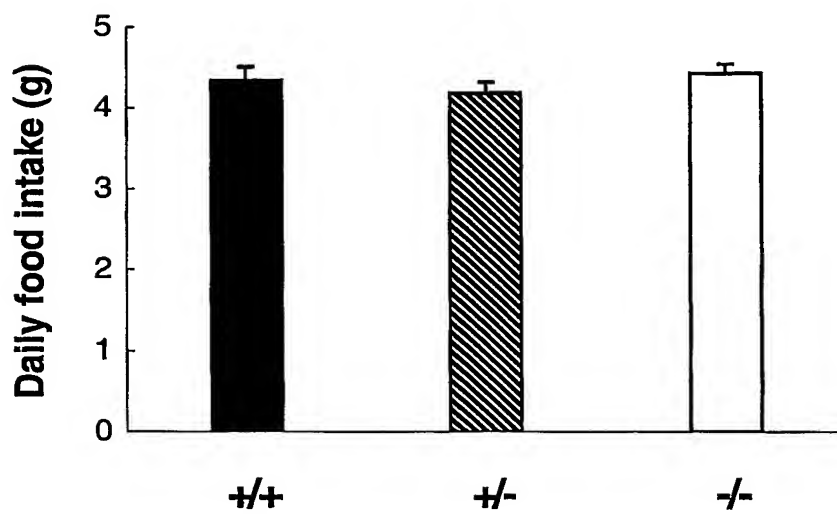


FIG. 13

14/22

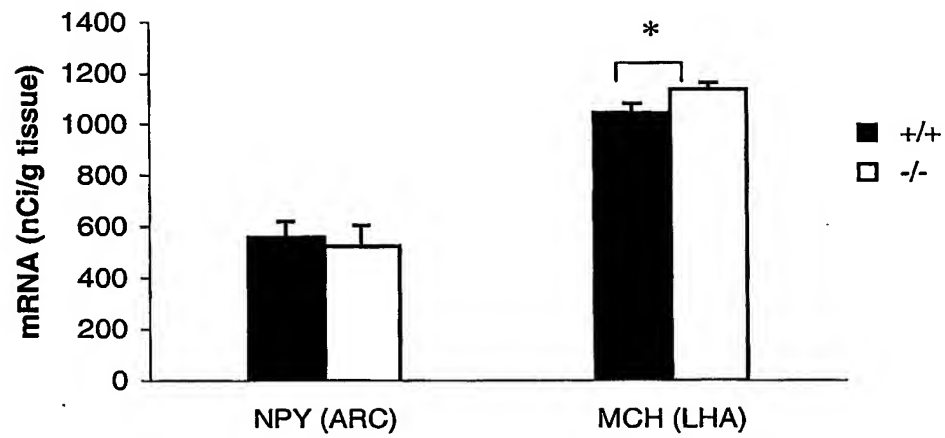


FIG. 14

15/22

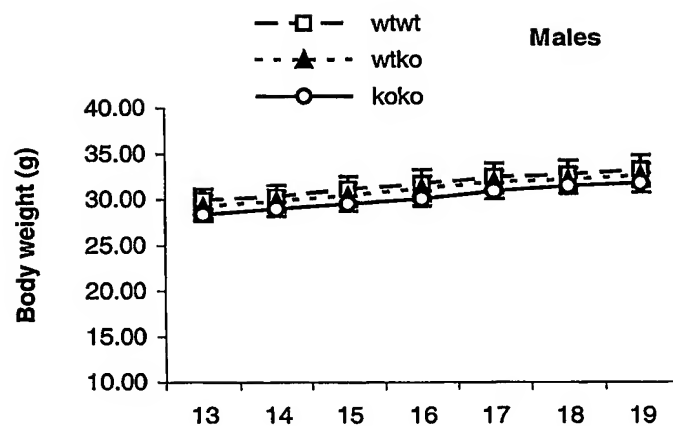
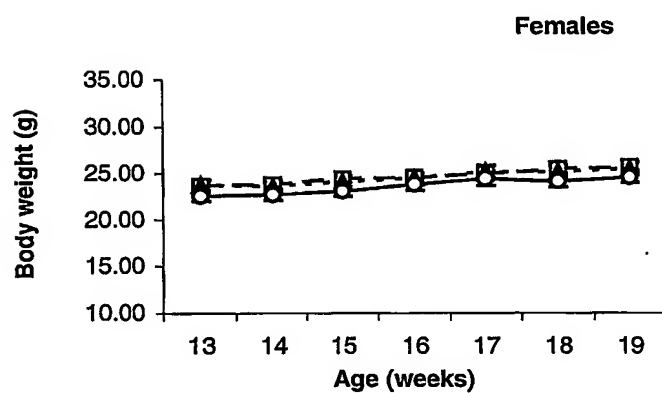
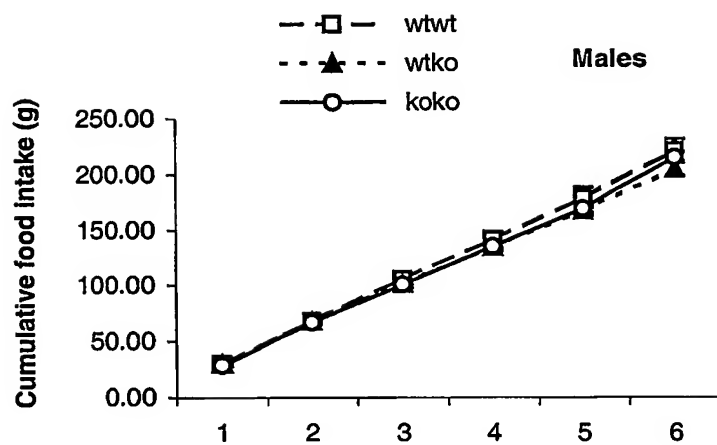
A**B**

FIG. 15

10/518 955

16/22

A



B

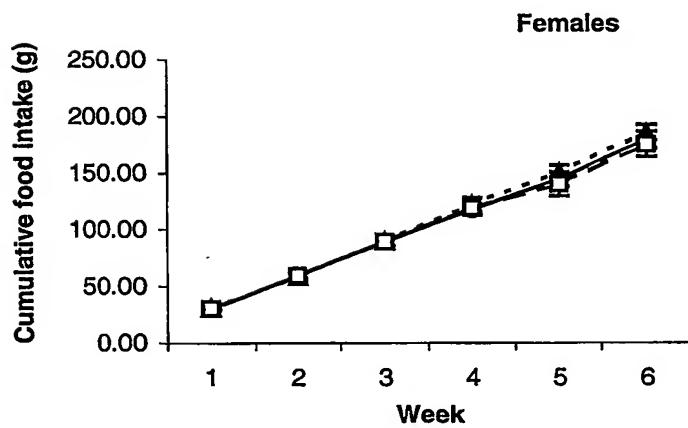
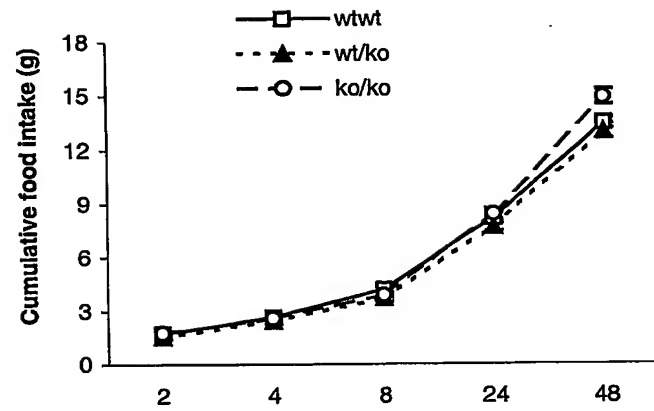


FIG. 16

17/22

A



B

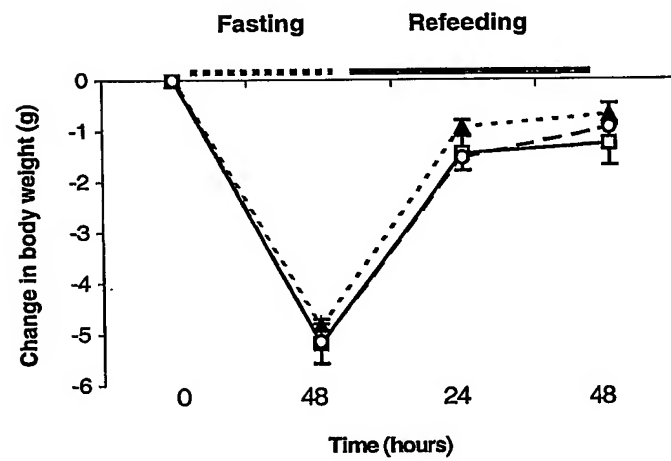


FIG. 17

10/518955

18/22

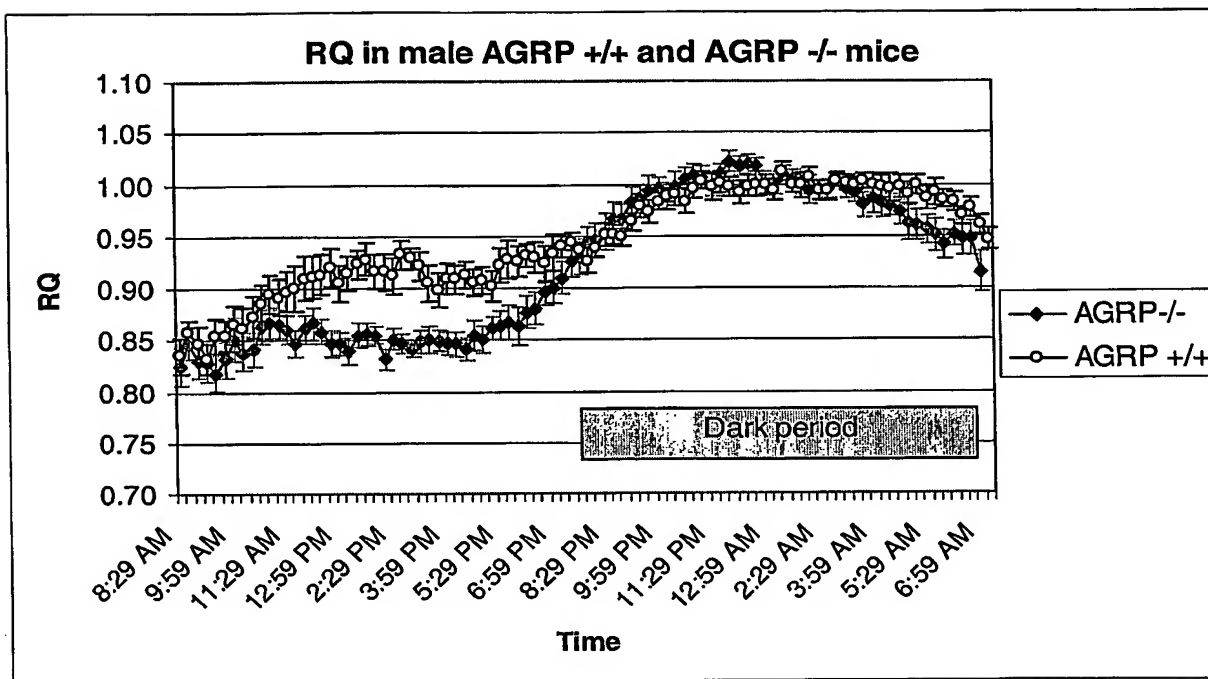


FIG. 18

19/22

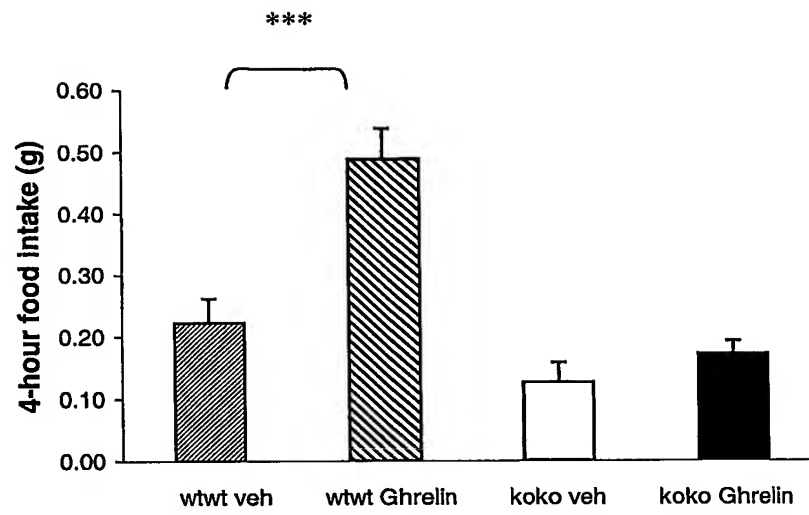


FIG. 19

21/22

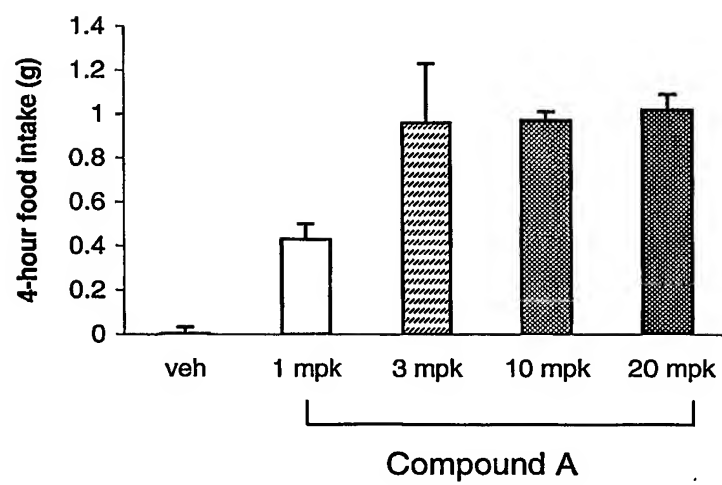
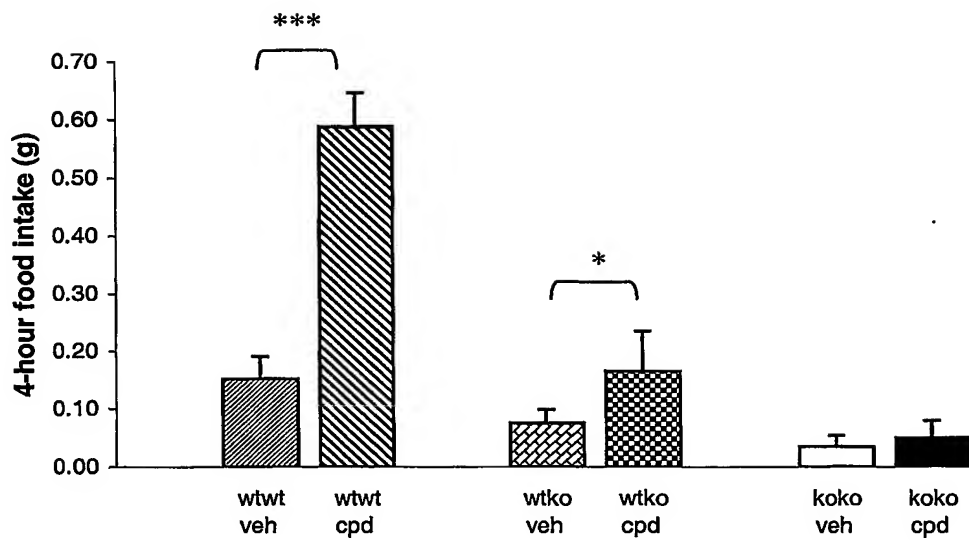


FIG. 21

22/22

A



B

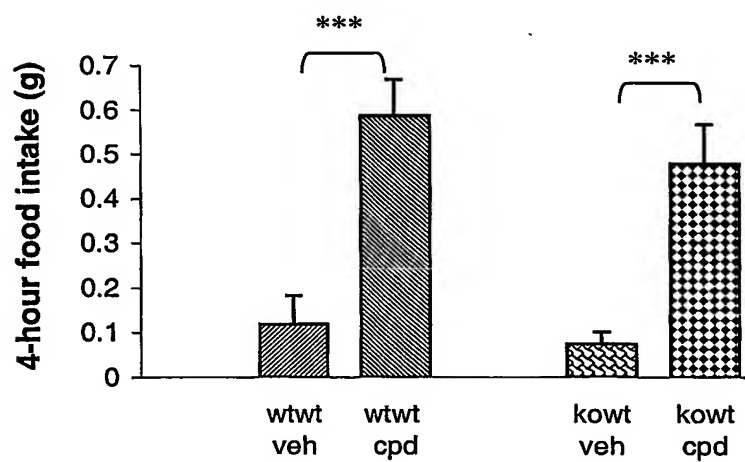


FIG. 22

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